

107.8 - Sulfur Dioxide in Nitrogen

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	1661a-	1662a-	1663a-	1664a-	1689	1693a-	1694a-	1696a-
Description	Sulfur Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 500 µmol/mol)	Sulfur Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 1000 µmol/mol)	Sulfur Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 1500 µmol/mol)	Sulfur Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 2500 µmol/mol)	Sulfur Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 5 µmol/mol)	Sulfur Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 50 µmol/mol)	Sulfur Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 100 µmol/mol)	Sulfur Dioxide in Nitrogen (Nominal Amount-of-Substance Fraction 3500 µmol/mol)
Unit Size	(6 L cylinder)	(6 L cylinder)	(6 L cylinder)	(6 L cylinder)	(6 L cylinder)	(6 L cylinder)	(6 L cylinder)	(6 L cylinder)
Carrier Gas	Nitrogen	Nitrogen	Nitrogen	Nitrogen	Nitrogen	Nitrogen	Nitrogen	Nitrogen
Certified Component	SO ₂	SO ₂	SO ₂	SO ₂	SO ₂	SO ₂	SO ₂	SO ₂
Nominal Amount-of-substance fraction	500 µmol/mol	1000 µmol/mol	1500 µmol/mol	2500 µmol/mol	5 µmol/mol	50 µmol/mol	100 µmol/mol	3500 µmol/mol

* These SRMs that are marked with * are available for NTRMs from commercial suppliers.

- Certified values are normal font
- Reference values are italicized
- Values in parentheses are for information only